

CARSON RIVER BASIN, UPPER CARSON RIVER BASIN

10310400 DAGGETT CREEK NEAR GENOA, NV

LOCATION.--Lat 38°57'55", long 119°50'55" referenced to North American Datum of 1927, in SW 1/4 NE 1/4 sec. 28, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, in Haines Canyon on left bank, 0.55 mi upstream from Foothill Road, and 3.5 mi southwest of Genoa.

DRAINAGE AREA.--3.82 mi².

PERIOD OF RECORD.--1964 (miscellaneous site), 1965 (low-flow, partial-record site). October 1965 to September 1983, December 1988 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,100 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. No diversions above station. Intermittent pumping of effluent from Lake Tahoe Basin by Douglas County Sewer Improvement District No. 1, occurred from February 1969 to November 1971. [See schematic diagram of Carson River Basin, Upper Carson River Basin.](#)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 63 ft³/s, August 5, 1971, gage height, 2.78 ft; minimum daily, 0.38 ft³/s, October 9, 1979.PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5.0 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
December 24	1330	*6.6	*1.05				No other peak greater than base discharge.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.48	0.80	1.2	1.0	1.1	1.6	1.5	1.1	0.91	0.82	0.71	0.82
2	0.50	0.83	1.2	0.98	1.0	1.5	1.5	1.2	0.90	0.78	0.69	0.85
3	0.53	0.88	1.2	0.99	1.1	1.5	1.5	1.1	0.90	0.78	0.72	0.92
4	0.54	0.87	1.3	0.97	1.1	1.5	1.5	1.1	0.89	0.78	0.73	0.91
5	0.57	0.86	1.4	0.97	1.1	1.5	1.5	1.1	0.88	0.78	0.80	0.89
6	0.60	0.87	1.5	0.98	1.1	1.6	1.5	1.1	0.91	0.76	0.83	0.85
7	0.63	0.84	1.3	1.0	1.1	1.6	1.5	1.1	0.93	0.77	0.83	0.88
8	0.60	0.88	0.92	1.0	1.1	1.6	1.5	1.1	0.96	0.78	0.83	0.86
9	0.60	0.99	1.0	0.98	1.1	1.7	1.5	1.1	0.98	0.81	0.79	0.88
10	0.67	1.0	0.97	0.97	1.2	1.7	1.4	1.1	0.94	0.79	0.80	0.89
11	0.64	1.1	0.91	0.97	1.1	1.7	1.4	1.2	0.92	0.81	0.85	0.87
12	0.65	1.0	0.91	0.97	1.1	1.7	1.4	1.1	0.90	0.80	0.92	0.86
13	0.69	0.99	0.93	0.96	1.1	1.7	1.4	1.1	0.87	0.80	0.85	0.84
14	0.69	0.96	0.95	0.97	1.1	1.6	1.4	1.1	0.83	0.80	0.83	0.91
15	0.69	1.0	0.93	0.99	1.0	1.7	1.4	1.1	0.84	0.79	0.73	0.94
16	0.68	1.1	1.0	0.96	1.9	1.6	1.4	1.0	0.84	0.80	0.81	0.92
17	0.69	1.1	1.1	0.98	1.6	1.7	1.5	1.0	0.84	0.78	0.77	0.92
18	0.69	1.1	1.1	0.97	1.5	1.8	1.5	1.0	0.83	0.83	0.76	0.95
19	0.68	1.1	1.1	0.97	1.4	1.8	1.5	1.1	0.84	0.84	0.78	0.95
20	0.69	1.1	1.1	0.99	1.3	1.8	1.5	1.0	0.83	0.84	0.77	1.1
21	0.70	1.1	1.1	1.00	1.3	1.8	1.5	1.1	0.81	0.81	0.73	1.1
22	0.68	1.1	1.0	1.0	1.3	1.8	1.4	1.1	0.80	0.80	0.82	1.0
23	0.69	1.1	1.1	0.99	1.3	1.8	1.2	1.1	0.79	0.81	0.84	1.0
24	0.71	1.2	2.8	0.97	1.3	1.7	1.2	1.0	0.77	0.81	0.81	1.9
25	0.71	1.2	1.6	0.97	1.6	1.5	1.2	0.97	0.78	0.81	0.80	0.84
26	0.72	1.3	1.0	1.0	1.5	1.6	1.2	0.98	0.78	0.82	0.81	0.83
27	0.72	1.3	0.93	1.00	1.4	1.6	1.2	0.96	0.78	0.76	0.84	0.86
28	0.73	1.2	0.96	0.98	1.4	1.5	1.2	1.3	0.80	0.68	0.85	0.88
29	0.71	1.2	1.0	0.99	1.6	1.6	1.2	1.0	0.82	0.68	0.84	0.87
30	0.75	1.2	1.0	0.99	---	1.6	1.1	0.94	0.83	0.71	0.84	0.89
31	0.82	---	0.97	1.0	---	1.6	---	0.91	---	0.70	0.82	---
TOTAL	20.45	31.27	35.48	30.46	36.8	51.0	41.7	33.16	25.70	24.33	24.80	28.18
MEAN	0.66	1.04	1.14	0.98	1.27	1.65	1.39	1.07	0.86	0.78	0.80	0.94
MAX	0.82	1.3	2.8	1.0	1.9	1.8	1.5	1.3	0.98	0.84	0.92	1.9
MIN	0.48	0.80	0.91	0.96	1.0	1.5	1.1	0.91	0.77	0.68	0.69	0.82
AC-FT	41	62	70	60	73	101	83	66	51	48	49	56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2004, BY WATER YEAR (WY)

MEAN	1.34	1.64	1.55	1.82	1.82	2.05	2.10	2.44	2.26	1.72	1.51	1.32
MAX	3.48	3.49	3.64	5.82	3.72	3.86	3.38	4.73	6.84	5.30	7.29	4.20
(WY)	(1970)	(1969)	(1971)	(1997)	(1970)	(1970)	(1997)	(1967)	(1983)	(1969)	(1969)	(1970)
MIN	0.66	0.83	0.77	0.98	1.04	1.06	1.10	0.98	0.68	0.51	0.56	0.56
(WY)	(2004)	(1980)	(1993)	(1989)	(1991)	(1977)	(1994)	(1990)	(1994)	(1994)	(1994)	(1979)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1966 - 2004
ANNUAL TOTAL	402.63	383.33	
ANNUAL MEAN	1.10	1.05	1.83
HIGHEST ANNUAL MEAN			3.57
LOWEST ANNUAL MEAN			0.95
HIGHEST DAILY MEAN	2.8	Dec 24	35
LOWEST DAILY MEAN	0.46	Sep 29	0.38
ANNUAL SEVEN-DAY MINIMUM	0.48	Sep 27	0.45
MAXIMUM PEAK FLOW			63
MAXIMUM PEAK STAGE			2.78
ANNUAL RUNOFF (AC-FT)	799	760	1,330
10 PERCENT EXCEEDS	1.5	1.5	3.3
50 PERCENT EXCEEDS	1.1	0.98	1.4
90 PERCENT EXCEEDS	0.68	0.73	0.86